

IV. STATEWIDE SUPPORT SYSTEMS

***STATEWIDE
SUPPORT –
PROGRAM
DEVELOPMENT***

PROGRAM DEVELOPMENT

Program Development includes management studies, technology transfer and technical studies, advanced planning, travel demand modeling, feasibility studies, developing project scopes, and location/environmental studies. There are a number of areas that need to be investigated as part of the study including environmental, cultural, historic, economic, and social issues that will have an impact on the development of alternatives. The results and recommendations for these projects will be presented to the Department's Project Development Committee and the two Metropolitan Planning Organizations. Recommendations may include minor improvements, major projects, continued study, or that no action be taken. As resources become available for design, implementation, construction, etc., project solutions are programmed into the Capital Improvement Program.

The fact that activity is undertaken for a study does not necessarily mean that a construction project will be identified as the solution. In many cases the study may identify operational, administrative, maintenance, or no-build solutions.

Examples of studies are discussed below:

Corridor Capacity Preservation Program – The SR 1 conceptual plan is complete and individual projects from the plan are being prioritized. There are several SR 1 projects currently in Planning that are to be handed off in FY 2001 for design. The US 13 conceptual plan is being developed by the Department in conjunction with municipal and county working groups and is scheduled to be complete in June 2001. The US 113 conceptual plan development is scheduled to start in FY 2002. Individual property requests are being addressed along each corridor. Funding for the advanced acquisition of real estate interests for this program is authorized under Corridor Preservation and Advanced Right of Way Acquisition program in System Management (See index for individual page).

Wilmington Studies – The Wilmington Study recommendations include: improvements along Market Street, the locations of fare - free zones for transit, 4th Street from I-95 to Walnut Street, Market Street shuttle service, and the feasibility of transit improvements along the B&O rail corridor either as a rail/trolley or rubber tire circulator. All of the improvement projects for the City of Wilmington are being coordinated with the roadway improvements scheduled in and around the city, including the reconstruction of I-95 and supporting traffic mitigation improvements. Implementation will occur through individual projects listed separately.

North/South Highway – Feasibility Study, Sussex County – A working group has been established for Sussex County to address the feasibility of additional north/south capacity throughout the County. The Department and its representatives will meet with the working group on a biweekly basis. Alternatives ranging from “No-build” to a new multi-lane, divided highway on new alignment will be investigated. Costs, as well as, impacts on a general yet comparative basis will be developed for each alternative. The alternative analysis will begin with an initial “brain storming” session at which time any conceivable alternative can be placed on the table. Following an analysis of each alternative, the pros and cons of each alternative placed on the table will be discussed and a set of alternatives to be analyzed will be agreed upon. This set of alternatives will then be the focus of the cost and impact analysis. Also included in that analysis will be a discussion on the timing to implement each alternative. Because of the anticipated range of alternatives and a similarly anticipated range of costs associated with each alternative, it is also anticipated that the time to implement each alternative will vary. This analysis will provide a range denoting an anticipated time frame for implementation. The result will be an agreed upon set of alternatives for which an analysis of cost, impact and time to implementation can be developed.

Sussex County Corridor Routes – Studies are scheduled for: SR 24, SR 54, Planning Study in FY 2002; SR 23 Planning Study in FY 2003; Study of 14 intersections in FY 2003, FY 2004, FY 2005, Guardrail improvements throughout the County in FY 2002; Geometric realignment improvements on SR 20 in FY 2004; Culvert extensions on SR 54 in FY 2003; and shoulders on SR 26 from US113 to Shaft Ox Corner. The Department will be meeting with the County to review the preliminary analysis and to prioritize the individual projects to be taken through the project development process early next year

PROGRAM DEVELOPMENT (CONTINUED)

Southern New Castle County Rural Roads and Completion of US 301 – To develop projects identified through the US301 Major Investment Study, a local roads plan is being developed jointly by DelDOT and New Castle County in conjunction with economic development efforts to bring jobs south of the C&D Canal.

SR 71 and Howell School Road: Planning studies, needs assessments and public outreach efforts have been initiated to undertake a realignment of Howell School Road to meet Denneys Road at the current SR 896 intersection. Cultural resource and environmental coordination efforts have been initiated and are continuing.

Choptank Road: Planning studies, needs assessments and public outreach efforts have been initiated to undertake an improvement project of Choptank Road to correct existing pavement and drainage deficiencies and to provide for improved bicycle and pedestrian facilities. Cultural resource and environmental coordination efforts have been initiated and are continuing.

Carter Road Extension: Planning studies, needs assessments and public outreach efforts have been initiated to undertake an improvement project of Carter Road in Smyrna to include shoulders and improved bicycle and pedestrian facilities. Cultural resource and environmental coordination efforts have been initiated and are continuing.

South State Street Extended, Dover – A study to find solutions for traffic congestion problems in the area will be completed in CY 2001 by the Dover/Kent MPO.

The pages that follow provide an overview of these efforts. Each bar represents its estimated start and completion date.

INDIVIDUAL PROJECT SEGMENTS	FUNDING	EST COST	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005-2007
		TO COMPLETE IN TODAY'S \$	7/00-6/01	7/01-6/02	7/02-6/03	7/03-6/04	7/04-6/07
			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
Area Corridor Studies; Project Dev Planning, Research, Technology Planning, Research, Technology	100% ST	17,700	3,350	2,700	3,000	3,000	9,000
	F – Q55/Q56	21,500	3,500	3,500	3,600	3,600	10,800
	T - 5303	<u>2,546</u>	<u>334</u>	<u>333</u>	<u>358</u>	<u>381</u>	<u>1,140</u>
	T-5313B T-5311B						
TOTAL		48,596	7,184	6,533	6,958	6,981	20,940

All \$ X 1,000

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002			FY 2003				FY 2004				FY 2005				FY 2006				FY 2007					
		2001			2002				2003				2004				2005				2006				2007	
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
	HAND-OFF PROJECTS																									
99-690-01	SR 15/ Rd 407/ Rd 447, Milford	---																								
96-690-08	Milton Truck Bypass	---																								
20-045-02	Governor's Avenue	---	---	---																						
99-690-03	Harrington Truck Route Study	---																								
99-690-04	Camden Truck Route Study	---																								
99-690-02	Laurel Truck Route Study	---																								
21-112-05	Guardrail Projects		---	---																						
21-112-01	SR 24 Planning Study		---	---	---	---	---	---																		
21-112-02	SR 54 Planning Study (Incl. Culvert Extension)		---	---	---	---	---	---																		
22-112-01	SR 30/ SR 1, RD 206 (1 of 15 Intersection)		---	---	---	---																				
22-112-01	SR 9 & S 319 (Georgetown, Airport Road, 2 of 15)				---	---	---	---																		

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007					
		2001			2002				2003				2004				2005				2006				2007		
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
	SR 26 Shoulder (Rt 113 to Ox Shaft Corner)						---	---	---	---																	
	SR 23 Planning Study						---	---	---	---																	
22-112-01	Sussex East-West Intersections (15 total)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-	---	---	---	---	-	-
21-690-08	Harvey Road Traffic Calming		---	---	---	---	---																				
98-690-01	SR 48 Park-n-Ride	---																									
20-113-01	SR 71/ Howell Sch. Road	---																									
88-113-01	Choptank Road	---	---	---																							
99-112-01	SR 26 Traffic Mitigation (Alternate Route)	---																									
99-112-01	SR 26 Assawoman to US 113	---	---	---																							
99-112-01	SR 26, Dagsboro Intersection (Traffic Signal)		---	---																							
99-112-01	SR 26, Dagsboro Intersection Realignment				---	---	---	---																			

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				
		2001			2002				2003				2004				2005				2006				2007	
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
20-125-01	SR 1 Grid, Hebron Road/ Rehoboth Connector (Needs Study)	---	---	---	---	---	---																			
20-125-01	SR 1, Nassau Ped. & Bike Conn.	---	---	---																						
20-125-01	SR 1 Grid, 3rd Lane SB	---	---	---																						
20-125-01	SR 1 Grid, Ped. Bike Connection West Side						---	---	---	---	---	---	---	---												
20-125-01	SR 1 Grid, Nassau Park and Ride Lot						---	---	---	---	---	---	---	---												
20-007-02	SR 41, Lancaster Pike (Safety)	---																								
99-002-01	Churchman's/ Airport Rd. Int.	---	---																							
99-002-01	SR 141, SR 2 to SR 34 (Centre)		---	---	---	---	---																			
	SR1 CORRIDOR CAPACITY IMPROVEMENTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
99-122-01	Corridor Needs/ Planning Report	---	---																							

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				
		2001			2002				2003				2004				2005				2006				2007	
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
99-122-01	Auxiliary Turn Lanes (Study)	---																								
99-122-01	SR 1 and SR 16 Interim Improvements	---	---																							
	US 13 CORRIDOR CAPACITY IMPROVEMENTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Corridor Needs/ Planning Study	---	---	---																						
98-124-01	US 13 and Peach Basket Road	---																								
98-124-02	US 13 and S 468 (incl. Five Points)	---	---																							
	Bridgeville Service Road		---	---																						
	Delmar Service Road (including Median Impr.)		---																							
	Greenwood Service Road		---																							
	Laurel Service Road (4 Intersections)		---	---																						
	Seaford Service Road		---	---																						

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				
		2001			2002				2003				2004				2005				2006				2007	
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
	US 13/ 13A & S46 (Seaford)	---	---	---																						
	US 113 CORRIDOR IMPROVEMENTS						---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Corridor Needs/ Planning Study						---	---	---	---	---	---														
	NOISE STUDIES																									
	SR 273, I-95 to SR 4 (Ogletown)																									
DEVELOPMENT PROJECTS -- FOR FUTURE PRIORITIZATION																										
	Sussex North South Feasibility Study	---	---																							
N/A	Loockerman Street	---																								
93-061-17	Salem Church Rd. - Phase III (Study)	---																								
	SR 20 Realignment									----	----	----	----	----												

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				
		2001			2002				2003				2004				2005				2006				2007	
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
990063	Grubb Road Sidewalks	---																								
20-113-01	SR 896/Denney & Howell Int.	---																								
20-044-04	Carter Road Extension	---	---	---																						
990139	Southern NCCo Roads (Study) being conducted by New Castle County on behalf of DelDOT, WILMAPCO																									
21-690-07	Bassett Street Intersection				---	---	---	---																		
	Forrest Avenue						---	---	---	---	---	---	---	---												
	B&O Railway Corridor (Wilmington Area Studies)						---	---	---	---	---	---	---	---												
	Camden Sidewalks						---	---	---	---	---	---	---	---												
	Foulk Road, N. of Naaman's to PA line						---	---	---	---	---	---	---	---	---	---										
	I-95 at SR 141 Ramps																		---	---	---	---	---	---	---	---
960078	Kenton Rd, SR 8 to Chest. Gr.						---	---	---	---	---	---	---	---	---	---										

PROGRAM DEVELOPMENT (CONTINUED)

		FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				
		2001			2002			2003			2004			2005			2006			2007						
	PROJECT	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
	Loockerman Street/ Forrest Avenue Traffic Circle						---	---	---	---	---	---	---	---	---	---										
990121	McKennans Church & Mill Creek Road						---	---	---	---	---	---	---	---												
	Pyles Ford Road						---	---	---	---	---	---	---	---												
200013	Possum Park, Old Possum Park to Possum Hollow						---	---	---	---	---	---	---	---												
200011	Salem Church Road, OBP to Gender Road																		---	---	---	---	---	---	---	---
	S 298 and S 299 Improvements	to be included within SR23 Planning Study					---	---	---	---																
200024	SR 9 / 3rd Street						---	---	---	---	---	---														
200023	SR 9 / 6th Street						---	---	---	---	---	---	---	---												